



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ :		A1	(11) International Publication Number: WO 97/48819
C12P 21/06, C12N 15/05, 5/14, C07H 21/00			(43) International Publication Date: 24 December 1997 (24.12.97)
(21) International Application Number: PCT/US97/10376		(74) Agents: FITTING, Thomas et al.; The Scripps Research Institute, 10550 North Torrey Pines Road, TPC-8, La Jolla, CA 92037 (US).	
(22) International Filing Date: 20 June 1997 (20.06.97)		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).	
(30) Priority Data: 60/020,129 20 June 1996 (20.06.96) US		(71) Applicant (for all designated States except US): THE SCRIPPS RESEARCH INSTITUTE [US/US]; 10550 North Torrey Pines Road, La Jolla, CA 92037 (US).	
(60) Parent Application or Grant (63) Related by Continuation US Filed on 60/020,129 (CIP) 20 June 1996 (20.06.96)		(72) Inventors; and (75) Inventors/Applicants (for US only): VERDAGUER, Bertrand [FR/US]; 8525 K Villa La Jolla Drive, La Jolla, CA 92037 (US). DE KOCHKO, Alexandre [FR/US]; 4997 Via Cinta, San Diego, CA 92122 (US). BEACHY, Roger, N. [US/US]; 7351 Camanito Bassano, La Jolla, CA 92037 (US). FAUQUET, Claude [FR/US]; 13339 Grand Via Point, Del Mar, CA 92130 (US).	
<p>Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> </p>			

(54) Title: CASSAVA VEIN MOSAIC VIRUS PROMOTERS AND USES THEREOF

(57) Abstract

The invention relates to compositions and methods useful for the production of transgenic plants. In particular, the invention relates to cassava vein mosaic virus (CsVMV) promoter sequences and expression cassettes containing CsVMV promoter sequences. The invention describes nucleic acid molecules, vectors and transgenic plants containing promoters derived from CsVMV promoter that are operatively linked to heterologous DNA sequences, and methods for producing transgenic plants containing these promoters.